

YASHVANTH R

Bangalore, Karnataka 560079 • (+91) 9591622064 • yashvanthr064@gmail.com • www.linkedin.com/in/yashvanth-r
<https://github.com/Yashvanth-R>

EDUCATION

GLOBAL ACADEMY OF TECHNOLOGY, B.E(AI & DATA SCIENCE)
MES PU College, PCMB
Max Muller High School, SSLC

CGPA: 9.14
Percentage: 81.67
Percentage: 90.56

EXPERIENCE

F9 CYBRISK TECH PVT LTD.: Bangalore, KA

Nov 2024 – Current

Front-end Developer

- Engineered and deployed scalable web applications, improving system efficiency and reducing page load times by 35% through code optimization and caching strategies.
- Spearheaded front-end architecture with React.js, Next.js, and Tailwind CSS, increasing component reusability and accelerating feature delivery.
- Developed and integrated **RESTful APIs** and backend services also microservices (**Node.js, Express.js, Nest.js, FastAPI**), enabling 30% faster data processing and seamless user interactions.
- Implemented state management (Redux Toolkit, Zustand) to handle real-time data, boosting application stability and reducing runtime errors by 25%.
- Deployed applications using Docker, Docker Compose, and AWS GPU instances, achieving and supporting AI-driven workloads.
- Performed debugging, production support, and CI/CD automation, reducing deployment issues by 20% and accelerating release cycles.

Key Achievements:

- Delivered real-time data-driven applications that enhanced user engagement by 30%.
- Improved system performance by implementing frontend optimization techniques, leading to a 25% increase in responsiveness.

INDIAN INSTITUTE OF INFORMATION TECHNOLOGY: Allahabad, UP

Oct 2022 – Jan 2023

Project Intern

- Developed and optimized machine learning models for data analysis and future trend prediction.
- Focused on image processing and implemented classifiers using advanced machine learning algorithms.
- Enhanced data accuracy and implemented controls for better model performance.

Key Achievements:

- Delivered accurate prediction models by refining algorithms and tuning hyperparameters.
- Applied debugging techniques to streamline the development process.

PROJECTS

DYNAMIC FORM BUILDER – REACT, TYPESCRIPT, REDUX TOOLKIT, MATERIAL-UI ([GITHUB](#)) Bangalore

- Built a fully dynamic form builder application supporting 7 field types, advanced validations (required, email, password, length), and derived fields (e.g., auto-calculating age from date of birth).
- Implemented drag-and-drop (react-beautiful-dnd) for intuitive field reordering with real-time form preview.
- Integrated **Redux Toolkit** for scalable state management and localStorage persistence to save forms without a backend.
- Developed multiple routes (/create, /preview, /myforms) using React Router for seamless navigation.

KEEP NOTES – PERSONAL NOTE-TAKING APPLICATION – NEXT.JS, FASTAPI, MONGODB ([GITHUB](#)) Bangalore

- Developed a full-stack note-taking application with secure **JWT-based authentication**, supporting user signup/signin and private notes.
- Designed a responsive, modern UI using Next.js (React 15), Tailwind CSS, and Zustand for state management.
- Implemented a **FastAPI** backend with MongoDB (Motor driver), **Pydantic validation**, and **Uvicorn** for scalable async performance.
- Deployed via Docker Compose for easy containerized setup of frontend, backend, and database services.

PRODUCTS STORE –MERN STACK (MONGODB, EXPRESS.JS, REACT.JS, NODE.JS), CHAKRA UI ([GITHUB](#)) Bangalore

- Built a full-featured e-commerce application with product listing, detail views, and responsive UI using **React + Chakra UI**.
- Developed a **RESTful API** with **Express.js** and **MongoDB** for product management and seamless client-server communication.
- Designed a modern, mobile-first UI/UX with reusable components and Chakra UI styling.
- Made the app deployment-ready for platforms like **Vercel**, **Render**, and **Railway**, with extensibility for authentication, cart, and admin features.

PRO-STOCK ADVISOR: A NEXT-GEN INVESTMENT TOOL WITH LANG CHAIN AND OPENAI Bangalore

- Developed an intelligent investment assistant for equity research analysts. This tool leveraged Lang Chain and OpenAI technologies for text extraction and semantic search, with a user-friendly interface built using Streamlit.
- Implementing a Lang Chain for effective text extraction from news items. Furthermore, to find pertinent textual chunks based on user queries and optimise OpenAI API calls for cost effectiveness, a semantic search algorithm is needed.
- Utilising OpenAI's question-answering skills guarantees precise answers, and natural language production adds to the outputs' user friendliness.

SKILLS AND INTERESTS

- **Programming Languages:** Python, TypeScript, JavaScript, SQL
- **Databases:** SQL Server, Postgres, MongoDB, MySQL
- **Front-end Development:** React.js, Next.js, CSS(Bootstrap, Tailwind, ChakraUI), API Integration(RESTful API's, Fast API)
- **Cloud:** AWS, Vercel(for small applications)
- **Backend:** Node.js, Express.js, Nest.js
- **Machine Learning:** Scikit-learn, TensorFlow, Keras, Pytorch, NLP, Deep Learning
- **Tooling & Collaboration:** Git, Github, Docker
- **BI Tools:** Tableau, Power BI